

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A dental coating kit comprising:

a primer composition including [[an]] at least one acidic group-containing polymeric monomer (a), water (b) and [[a]] at least one water-soluble solvent (c); and

a surface smoothing composition having viscosity at 30°C of 30 cP through 3000 cP and including [[a]] at least one polyfunctional polymeric monomer (f), [[a]] at least one volatile solvent (g) and [[a]] at least one photopolymerization initiator (h).

Claim 2 (Original): The dental coating kit according to Claim 1,

wherein the primer composition includes the acidic group-containing polymeric monomer (a) in a ratio of 1 wt% through 90 wt%, the water (b) in a ratio of 0.1 wt% through 90 wt% and the water-soluble solvent (c) in a ratio of 1 wt% through 98 wt%, and

the surface smoothing composition includes the polyfunctional polymeric monomer (f) in a ratio of 40 wt% through 98 wt%, the volatile solvent (g) in a ratio of 1 wt% through 59 wt% and the photopolymerization initiator (h) in a ratio of 0.01 wt% through 10 wt% based on a total weight of polymeric monomer(s) included in the surface smoothing composition.

Claim 3 (Original): The dental coating kit according to Claim 1 or 2,

wherein the photopolymerization initiator (h) is an acylphosphine oxide.

Claim 4 (Original): The dental coating kit according to Claim 3,

wherein the acylphosphine oxide is 2,4,6-trimethylbenzoyldiphenylphosphine oxide.

Claim 5 (Canceled).

Claim 6 (Currently Amended): The dental coating ~~[[kit]]~~ method according to ~~any of Claims 1 through 5~~ Claim 7,
wherein the ~~dental coating kit is used for~~ tooth is a bleached tooth.

Claim 7 (Currently Amended): A dental coating method comprising ~~the steps of:~~
applying, on a tooth, a primer composition including ~~[[an]]~~ at least one acidic group-containing polymeric monomer (a), water (b), ~~[[a]]~~ at least one water-soluble solvent (c) and, ~~if necessary~~ optionally, ~~[[a]]~~ at least one polymerization initiator;
forming a primer layer by drying or polymerically curing the primer composition;
applying, on the primer layer, a surface smoothing composition having viscosity at 30°C of 30 cP through 3000 cP and including ~~[[a]]~~ at least one polyfunctional polymeric monomer (f), ~~[[a]]~~ at least one volatile solvent (g) and ~~[[a]]~~ at least one photopolymerization initiator (h); and
forming a surface layer by polymerically curing the surface smoothing composition through light irradiation.

Claim 8 (Currently Amended): A dental coating kit comprising:
a primer composition including ~~[[an]]~~ at least one acidic group-containing polymeric monomer (a), water (b) and ~~[[a]]~~ at least one water-soluble solvent (c);
a coating composition having viscosity at 30°C of 300 cP through 50,000 cP and including ~~[[a]]~~ at least one polymeric monomer (d) and ~~[[a]]~~ at least one photopolymerization initiator (e); and

a surface smoothing composition different from said coating composition and including [[a]] at least one polyfunctional polymeric monomer (f), [[a]] at least one volatile solvent (g) and [[a]] at least one photopolymerization initiator (h).

Claim 9 (Original): The dental coating kit according to Claim 8,
wherein the primer composition includes the acidic group-containing polymeric monomer (a) in a ratio of 1 wt% through 90 wt%, the water (b) in a ratio of 0.1 wt% through 90 wt% and the water-soluble solvent (c) in a ratio of 1 wt% through 98 wt%,
the coating composition includes the polymeric monomer (d) in a ratio of 40 wt% through 99.99 wt% and the photopolymerization initiator (e) in a ratio of 0.01 wt% through 10 wt% based on the polymeric monomer (d), and
the surface smoothing composition includes the polyfunctional polymeric monomer (f) in a ratio of 40 wt% through 98 wt%, the volatile solvent (g) in a ratio of 1 wt% through 59 wt% and the photopolymerization initiator (h) in a ratio of 0.01 wt% through 10 wt% based on a total weight of polymeric monomer(s) included in the surface smoothing composition.

Claim 10 (Original): The dental coating kit according to Claim 8 or 9,
wherein the coating composition further includes an inorganic filler with a refractive index of 1.9 or more and colloidal silica.

Claim 11 (Canceled).

Claim 12 (Currently Amended): The dental coating kit according to ~~any of Claims 8 through 11~~ Claim 8,

wherein the polymeric monomer (d) includes a hydrophobic polymeric monomer and a hydrophilic polymeric monomer, and

the coating composition includes the hydrophilic polymeric monomer in a ratio of 5 wt% through 50 wt%.

Claim 13 (Original): The dental coating kit according to Claim 12,
wherein the hydrophilic polymeric monomer is 2-hydroxyethyl methacrylate.

Claim 14 (Currently Amended): The dental coating ~~[[kit]]~~ method according to ~~any~~
~~of Claims 8 through 13~~ Claim 15,

wherein the ~~dental coating kit is used for~~ tooth is a bleached tooth.

Claim 15 (Currently Amended): A dental coating method comprising ~~the steps of~~:
applying, on a tooth, a primer composition including ~~[[an]]~~ at least one acidic group-
containing polymeric monomer (a), water (b), ~~[[a]]~~ at least one water-soluble solvent (c), and,
~~if necessary optionally,~~ ~~[[a]]~~ at least one polymerization initiator;

forming a primer layer by drying or polymerically curing the primer composition;

applying, on the primer layer, a coating composition having viscosity at 30°C of 300
cP through 50,000 cP and including ~~[[a]]~~ at least one polymeric monomer (d) and ~~[[a]]~~ at
least one photopolymerization initiator (e);

forming an intermediate layer by polymerically curing the coating composition
through light irradiation;

applying, on the intermediate layer, a surface smoothing composition different from
said coating composition and including ~~[[a]]~~ at least one polyfunctional polymeric monomer

(f), [[a]] at least one volatile solvent (g) and [[a]] at least one photopolymerization initiator (h); and

forming a surface layer by polymerically curing the surface smoothing composition through light irradiation.